

Intervertebral disc prosthesis comprises two plates anchored to vertebrae, central core and viscoelastic ring

Publication number: FR2805985 (A1)

Publication date: 2001-09-14

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Classification:

- international: **A61L27/00; A61F2/44; A61F2/00; A61F2/30; A61L27/00; A61F2/44; A61F2/00; A61F2/30; (IPC1-7): A61F2/44; A61L27/04; A61L27/14**

- European: A61F2/44D2

Application number: FR20000003069 20000310

Priority number(s): FR20000003069 20000310

Also published as:

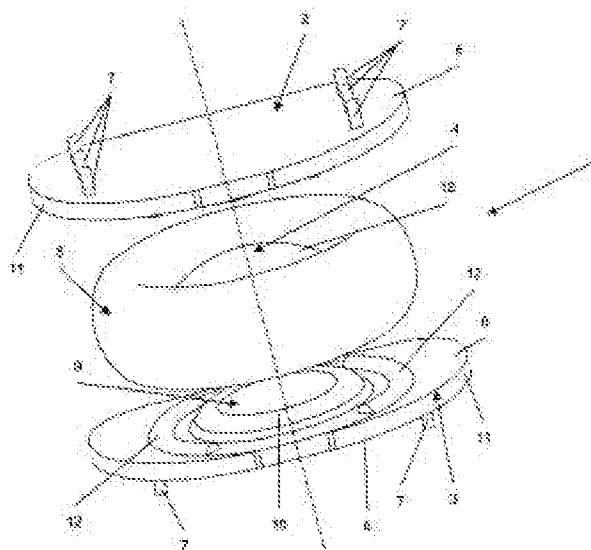
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Abstract of **FR 2805985 (A1)**

A prosthesis (1) comprises upper (2) and lower (3) plates of a cobalt chrome alloy anchored by teeth (7) to the surfaces of an adjacent vertebrae, and a central core (4) surrounded by a viscoelastic ring (5) e.g. of a biocompatible elastomer between the plates. A prosthesis (1) comprises upper (2) and lower (3) plates of a cobalt chrome alloy anchored by teeth (7) to the surfaces of an adjacent vertebrae, and a central core (4) surrounded by a viscoelastic ring (5) e.g. of a biocompatible elastomer between the plates. The ring is designed to limit and control the flexure, inclination and rotary movements of the two plates relative to one another and around the core, to stabilize the core position and prevent fibrous deposits inside the prosthesis.



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